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A New Combination in *Ardisia* (Myrsinaceae) from Vietnam

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ABSTRACT. The lectotypification of *Ardisia tinctoria* Pit. and subsequent reidentification of the type material as *A. quinquegona* Blume subsp. *quinquegona* resulted in two collections being orphaned under the name *A. tinctoria* var. *microcarpa* Pit. We elect to elevate the variety name *A. tinctoria* var. *microcarpa* and, here, propose the following new combination, *A. microcarpa* (Pit.) Ricketson & Pipoly, comb. et stat. nov., to accommodate these orphaned collections.

RESUMEN. Cuando se dieron cuenta el hecho de que *Ardisia tinctoria* Pit. es sinónimo de *A. quinquegona* Blume subsp. *quinquegona*, unas colecciones fueron dejadas como huérfanas bajo el nombre *A. tinctoria* var. *microcarpa* Pit. Para poder acomodar a esas colecciones, se reconoce una entidad para incluir a ese material huérfano bajo una nueva combinación y estatus, *A. microcarpa* (Pit.) Ricketson & Pipoly.

Key words: *Ardisia*, Myrsinaceae, Vietnam.

Pitard (1930: 817–818) described the new species *Ardisia tinctoria* Pit. based on four syntypes all at Paris (P): “Annam: Dac-kiet, prov. de Thanh-hoa [*Poilane* 1841]; Lang-khoac, prov. de Quang-tri [*Poilane* 1370]; route de Nha-trang à Ninh-hoa (*Poilane* [8303]); Hué (*Squires* [360]).” Unfortunately, Pitard did not list either collector names or numbers in his manuscript, but these collections have been verified by the authors and are still present in the herbarium at P. Pitard (1930: 818) also described the variety *A. tinctoria* var. *microcarpa* Pit. based on 10 syntypes all at P: “Tonkin: bois de Copah, entre Hanoi et Bac-ninh [*Balansa* 4608]; vallée de Langkok [*Balansa* 3921], au mt. Bavi (*Balansa* [3924, 3925]); bois de Nam-dinh (*Mouret* [368]); vers Ninh-binh (*Bon* [1389]); réserve forestière de Chan-mong, prov. de Phu-tho (*Chevalier* [32225]); Choganh (*Pètelot* [895]). – Laos [Vietnam]: Cahn-trap (*Spire* [1135, 1354]).”

In 1996, Imkhanitskaya published a series of articles indexing the type material located in the herbarium of the Komarov Botanical Institute in St. Petersburg (LE). Imkhanitskaya (1996: 40) lectotyped *Ardisia tinctoria* with *R. Squires* 360 [lectotype, P; isolectotype, LE], using only the material available to him at LE and without studying any of the other syntypes, which are all available at P. It also appears that Imkhanitskaya did not view any of the syntypes associated with *A. tinctoria* var. *microcarpa*.

In 2004, Hu published the Myrsinaceae for the *Flore du Cambodge du Laos et du Vietnam*, after an exhaustive study of much of the southeastern Asian material. Hu (2004: 56–62) determined that the syntypes of *Ardisia tinctoria* represent three different species. *R. Squires* 360 and *E. Poilane* 8303 are actually specimens of *A. quinquegona* Blume var. *quinquegona*; *E. Poilane* 1841 is a paratype of his new species *A. applanata* C. M. Hu & J. E. Vidal; and *E. Poilane* 1370 represents true *A. tinctoria*. Hu incorrectly lectotyped *A. tinctoria* on the basis of the material of *E. Poilane* 1370 at P, apparently unaware of the earlier work by Imkhanitskaya (1996). In addition, Hu (2004: 56–61) determined that the syntypes of *A. tinctoria* var. *microcarpa* represented five separate entities: *B. Balansa* 4608 = *A. depressa* C. B. Clarke; *Bon* 1389, *M. Mouret* 368, *C. Spire* 1135, 1354 = *A. quinquegona* var. *quinquegona*; *A. Chevalier* 32225 = *A. quinquegona* var. *latifolia* Pit.; *B. Balansa* 3921, 3924, 3935 = *A. quinquegona* var. *hainanensis* E. Walker; *A. Pètelot* 895 = *A. tinctoria*. Hu (2004: 61–62) designated *A. Pètelot* 895 as the lectotype of *A. tinctoria* var. *microcarpa*.

Because Hu (2004) overlooked the earlier valid lectotypification of *Ardisia tinctoria*, which rendered that name a synonym of *A. quinquegona* subsp. *quinquegona*, *A. Pètelot* 895 and *E. Poilane* 1370 represent an entity without a name. To resolve this problem and accommodate these orphaned collections, we elect to elevate the varietal name *A. tinctoria* var. *microcarpa* to species.

Ardisia microcarpa (Pit.) Ricketson & Pipoly, comb. et stat. nov. Basionym: *Ardisia tinctoria* Pit. var. *microcarpa* Pit., Fl. Indo-Chine (Lecomte) 3(7): 818. 1930. TYPE: Vietnam. Ninh Binh: Giap Ha, env. de Cho Ghênh (Cho Ganh), Apr. 1923, A. Pételot 895 (lectotype, designated by Hu [2004: 61], P; isotypes, P [2]).

Additional material. Vietnam. **Quang Tri:** Lang-khoac [Lang Khoai], 10 Apr. 1920 (fl), E. Poilane 1370 (syntype of *Ardisia tinctoria*, NY, P).

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Library, an outstanding project which is “a consortium of natural history and botanical libraries that cooperate to digitize and make accessible the legacy literature of biodiversity held in their collections and to make that literature available for open access and responsible use as a part of a global biodiversity commons” at <<http://www.biodiversitylibrary.org>>.

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